


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) | [Purchase History](#) |

Welcome United States Patent and Trademark Office

[Advanced Search](#)
[BROWSE](#)
[SEARCH](#)
[IEEE XPLORE GUIDE](#)
**OPTION 1**

Enter keywords or phrases, select fields, and select operators

[Help](#)
 in [All Fields](#)
  in [All Fields](#)
  in [All Fields](#)


» Note: If you use all three search boxes, the entries in the first two boxes take precedence over the entry in the third box.

**OPTION 2**

Enter keywords, phrases, or a Boolean expression

[Help](#)



» Note: You may use the search operators <and> or <or> without the start and end brackets <>.

» Learn more about [Field Codes](#), [Search Examples](#), and [Search Operators](#)

## » Publications

☒ Select publications

- ☒ IEEE Periodicals
- ☒ IET Periodicals
- ☒ IEEE Conference I
- ☒ IET Conference Pr
- ☒ IEEE Standards

## » Other Resources (Availab

- ☒ IEEE Books
- ☒ Educational Courses

## » Standard Status

(Applies to IEEE Standards)

Status [All](#)

## » Select date range

☐ Search latest content u

☒ From year [All](#) to [2001](#)

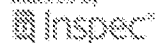
## » Display Format

☒ Citation ☐ Citatio

## » Organize results

Maximum [100](#) Display [25](#) resuSort by [Relevance](#)In [Descending](#)

Indexed by


[Help](#) [Contact Us](#)

© Copyright 2001